

NOAH'S ARK MODEL

PATTERNS the other side are shown for the making of a Noah's Ark 12ins. long and 5½ins. wide. It will be followed on our next sheet (No. 2512) by a set of animals a suitable size for use therewith. The building of the Ark is straightforward, wood 3/16in. thick is used throughout.

Most of the patterns are shown full size, but some of them—the plain rectangles—are split and will have to be drawn out on the wood. All parts are cut with the fretsaw, cleaned with glasspaper and put together carefully with glue and screws or nails. The long straight edges can, if necessary, be cut with a tenon saw. It is essential to get them perfectly straight as all are put together with butt points only.

First Work

First get out the two long sides which are upright, and then the two ends which slope inwards towards the bottom. Notice the top and bottom edge of these end pieces will have to be chamfered to come in line with the sides. The bottom must be done before gluing on the base, but the top can be planed when the four pieces are put together. Little blocking pieces should be added inside to stiffen the whole thing up.

The baseboard itself is a piece 5½ins. wide and 10ins. long to which the hollow box formation is glued centrally and securely. The house portion is built on a separate floor, and can be put together before the whole thing is sunk into the bottom portion. Two ends and two sides are fitted together. The ends come between the sides and are glued and screwed around the aperture in the floor itself.

Windows and Door

Before adding the roof, fix some transparent material behind the window openings and glue in a piece of card or wood to form the door. The outline of the door is drawn or painted on, and then held by means of hinges if you want it to open, or glued on securely if not. It is fixed inside the house.

The roof consists of two rectangles butted together at the top. Both are 8½ins. long but one is 2-13/16ins. and the other is 3ins. wide. When you have cut out the piece, cut a strip from the top edge and just ½in. wide where shown by the parallel lines on the roof slope pattern.

Afterwards hinge these two pieces together again by means of a long piece of tape on the outside, or a pair of 1in. hinges. Glue the narrow roof slope to the house portion itself, and

then butt up to it the strip with the hinges upon it. If necessary, nail the ridge piece down for strength.

The piece below the hinges is left loose to lift. This provides an opening through which the animals can be put into the interior, making the whole box a container.

When the house and its floor are complete, the whole lot are stood in the boat portion previously made. This floor must come parallel 2ins. upwards from the base. Little strips providing suitable ledges can be glued along the sides of the boat. The ends of the floor will have to be chamfered to the angle of the ends. Glue the floor to the sides as well as to the support ledges.

Steps

The little steps shown in the picture are added finally. A projecting platform forming the base of the steps is cut, and glued to the front of the base itself. Then cut four strips 1½ins. high by ½in. to form the steps.

Glue them horizontally and parallel between the two ends as shown in the detail, and finally stand the whole thing down in the corner of the front and projecting base. These little steps must be made carefully and strongly, a nail being added into each through the ends for further strength.